




ecowand[®]

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vehicle restraint systems – piledrivers – safety and security fences – noise barriers – steelplate culverts

Technical Specifications	
Dimension standard elements	L = 1.953 mm. x H = 1.010 / 510 mm.
Thickness element	Appr. 71 mm.
Standard steel posts	C-100 profiles (multiple options available)
Version	Both sided absorbent
Noise absorption	DLa 7 dB (Group A2)
Noise insulation	DLr 19 dB / Rw 22 dB (Group B2)
Standard weight	Appr. 15 kg. p/m ²
Section filling	Synthetic net green or grey or coconut fibre



The Ecowand is a simplified modular noise absorbing screen which has a standard height of 2 m. that can be easily and quickly installed in industrial areas, public/community parks, private gardens and locations that require an aesthetically pleasing outlook.

The Ecowand screens are intended to be covered with climbing ever green plants. This gives the Ecowand not only a natural looking structure but also contributes to the reduction of carbon emissions in the surrounding area and benefits the local environment.



The elements comprise of a light aluminium frame with galvanised steel grids, a synthetic net and highly absorbent insulation material. The aluminium frame also has a tongue and groove interlock, which assists in its noise reduction capabilities.

The elements are usually secured to steel posts type C-100 with L-profiles. The posts are secured into the ground at appr. 1.000 mm. deep. An optional wooden covering profile can be fastened to the front and rear of the steel posts, making for an additional natural looking aspect.



The synthetic net, which is available in the standard colours green and grey, can also be supplied in several other colours. It can also be replaced with a coconut or nylon layer in a coconut colour, which adds to the natural look of the structure and the individual requirement of each customer.

The use of these materials assists and ensures that the climbing ever green plants will grow onto and remain on the net.

In addition to the delivery of the highly absorbent Ecowand, Eurorail can also provide the installation. This will of course be done by our own certified employees.



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